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Date

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	UTILITY		Attorney Docket No.	1875.366000

## PATENT APPLICATION **TRANSMITTAL**

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1875.3660001
First Inventor	Miguel PEETERS et al.
Title	Method Of And System For OptimizingThe Capacity Of A Digital Communication System In Presence Of Both Internal And External Noise
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		PLICATION ELEMENT er 600 concerning utility patent applica		ΑĽ	DRI	ESS TO:	Mail Stop Patent A Commissioner for P.O. Box 1450 Alexandria VA 22	Patents		
1. <b>[</b> 2. <b>[</b>	(Submit an orig	nittal Form (e.g., PTO/SB/17) ginal, and a duplicate for fee processin laims small entity status. R 1.27.	g)	7. <b>[</b> 8. 1	(A)	ppendix)	no Acid Seque	large table or Compence Submission	PT0	ogram
3. [	(preferred arra - Descriptive ti - Cross Referer - Statement Re, - Reference to a - or a computer - Background of - Brief Summa - Brief Descript - Detailed Desc - Claim(s)	angement set forth below) title of the Invention nce to Related Applications garding Fed sponsored R & D sequence listing, a table, r program listing appendix of the Invention try of the Invention tion of the Drawings (if filed) cription	<u>24</u> 1	,	c	i.	ce Listing on:  OM or CD-R (2  ying identity of  NYING APP	copies); or above copies PLICATION PART	10/6988	10303
4. D	- Abstract of th  Drawing(s)	(35 U.S.C. 113) [Total Sheets	<b>1</b> 1	10.		37 CFR 3.73(b) S	Statement	Power of Attorney		
	Dath or Declaratio	· -	<u> </u>	11.		(when there is an a. English Translati	•	f applicable)		
	a. Newly e	executed (original or copy)		12.		Information Disc	closure	Copies of IDS		
b. ☐ Copy from a prior application (37 CFR 1.63(d))  (for continuation/divisional with Box 18 completed)  i. ☐ DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application, see 37 CFR  1.63(d)(2) and 1.33(b).  6. ☒ Application Data Sheet. See 37 CFR 1.76.		13.	_							
		14.		Return Receipt P		503)				
		<ul> <li>15. Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</li> </ul>								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:										
Continuation Divisional Continuation-in-Part (CIP) of prior application No:/										
cons	For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
19. CORRESPONDENCE ADDRESS										
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NAN	ME (Print/Type)	Evan R. Smith			Reg	istration No. (Attor	rnev/Agent) 3	5.683		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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November 3, 2003

WRITER'S DIRECT NUMBER: (202) 772-8677 **INTERNET ADDRESS:** RSOKOHL@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Mail Stop Patent Application

Re:

U.S. Non-Provisional Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. New Application; Filed: November 3, 2003

For:

Method Of And System For Optimizing The Capacity Of A Digital Communication System In Presence Of Both Internal And External

Noise

Inventors:

PEETERS et al.

Our Ref:

1875.3660001/RES/ERS

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. USPTO Utility Patent Application Transmittal Form (PTO/SB/05);
- 2. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 3. U.S. Utility Patent Application entitled:

Method Of And System For Optimizing The Capacity Of A Digital Communication System In Presence Of Both Internal And External Noise

and naming as inventors:

Miguel PEETERS Raphael CASSIERS

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skqf.com

Commissioner for Patents November 3, 2003 Page 2

the application consisting of:

- 1. an Application Data Sheet (37 C.F.R. § 1.76);
- 2. A specification containing:
  - i. 15 pages of description prior to the claims;
  - ii. 8 pages of claims (26 claims);
  - iii. a one (1) page abstract;
- 3. <u>1</u> sheets of drawings: (Figures <u>1</u>);
- 4. Preliminary Amendment; and
- 5. Two (2) return postcards.

Send correspondence to Customer Number 26111.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Evan R. Smith

Attorney for Applicants Registration No. 35,683

RES/ERS/tis

SKGF\_DC1:195081.1



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Miguel PEETERS et al.

Appl. No. New Application

Filed: November 3, 2003

For: **Method Of And System For** 

> Optimizing The Capacity Of A **Digital Communication System In Presence Of Both Internal And**

**External Noise** 

Confirmation No. To Be Assigned

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1875.3660001

## Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Evan R. Smith

Attorney for Applicants Registration No. 35,683

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Date: 11/3/03

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